

NWS FORM E-5

(11-88)

(PRES. BY WSOM E-41)

U.S. DEPARTMENT OF COMMERCE

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

NATIONAL WEATHER SERVICE

HYDROLOGIC SERVICE AREA (HSA)

San Angelo, TX**MONTHLY REPORT OF RIVER AND FLOOD CONDITIONS**

REPORT FOR:

MONTH

August

YEAR

2003

SIGNATURE

Jason Johnson

In Charge of HSA

DATE

September 15, 2003

TO: Hydrometeorological Information Center, W/OH2
NOAA / National Weather Service
1325 East West Highway, Room 7230
Silver Spring, MD 20910-3283

When no flooding occurs, include miscellaneous river conditions, such as significant rises, record low stages, ice conditions, snow cover, droughts, and hydrologic products issued (WSOM E-41)

☒ No flood stages were reached in this HSA for the month above.

Much of the month of August brought hot and dry conditions to West Central Texas as an upper level ridge of high pressure dominated the region. However, late August welcomed a change in the weather pattern as the upper ridge weakened and moved out allowing moist easterly flow into the area. This easterly flow brought several upper level disturbances into West Central Texas allowing support for thunderstorms and showers. West Central Texas received the most rainfall over a three day period from the 29th through the 31st as widespread showers and thunderstorm brought relief to the area. Over the three day period, Abilene and San Angelo each received over an inch of rain.

For the month of August, San Angelo Regional Airport received 2.52 inches of rain. This is 0.47 of an inch above the monthly normal of 2.05 inches. Abilene Regional Airport received 2.42 inches of rain in July, which is 0.21 of an inch below the monthly normal of 2.63 inches.

Rainfall Totals for August

Station Name	Amt (in)	Station Name	Amt (in)
Abilene 2	2.05	Mason	2.38
Acton Ranch	2.99	Menard	1.30
Albany	0.91	Merkel 12SW	2.15
Anson	3.22	Oak Creek Lake	3.00
Ballinger 2NW	2.55	Ozona 1SSW	0.28
Brady	2.46	Paint Rock	1.99
Brownwood	4.11	Putnam	1.84
Burkett	1.47	Richland Springs	5.08
Coleman	1.14	Roscoe	2.15
Concho Park	0.69	Rotan	1.85
Eldorado	2.22	San Angelo WFO	1.44
Eldorado 10W	3.91	San Saba 7NW	5.74
Eldorado 12N	3.09	Silver Valley	2.20
Fort Griffin	0.75	Sonora	1.83
Fort McKavett	1.50	Stamford	2.71
Funk Ranch	1.50	Sterling City	4.48
Glen Cove	3.27	Sterling City 8NE	3.41
Hamlin	2.31	Taylor Ranch	0.67
Haskell	3.13	Telegraph	2.30
Hords Creek	2.22	Throckmorton 7NE	1.47
Humble Pump	3.29	Trent	0.95
Junction 4SSW	2.55	Water Valley	2.37
Lake Abilene	1.35	Water Valley 11NE	2.86
Lawn	2.33	Winters	1.50
London 3N	1.29	Woodson	0.35

Although the end of the month brought widespread, beneficial rain to West Central Texas, little runoff was generated into the area rivers and reservoirs. The Concho Valley reservoirs continue to dry out due to municipal water use demands and insufficient rainfall. The water level in Twin Buttes Reservoir is below the equipment that provides readings of the pool elevation.

Reservoir Conditions (end of August, 2003)

Reservoir	Conservation Capacity (Ac-Ft)	Current Capacity (Ac-Ft)	Percent of Capacity (%)
Fort Phantom Hill	70,030	36,156	52
Lake Stamford	52,700	37,043	70
Hubbard Creek Lake	317,800	133,200	42
Hords Creek Lake	8,800	1,949	22
Lake Brownwood	131,428	120,095	91
E.V. Spence	488,760	51,890	11
Twin Buttes	Below	Equipment	
O.C. Fisher	119,200	3,533	3
O.H. Ivie	554,340	198,500	36

Hydro Products Issued

FFA = 4

FFW = 3

FLS = 3 (Urban and Small Stream)

RVS = 0

FLW = 0